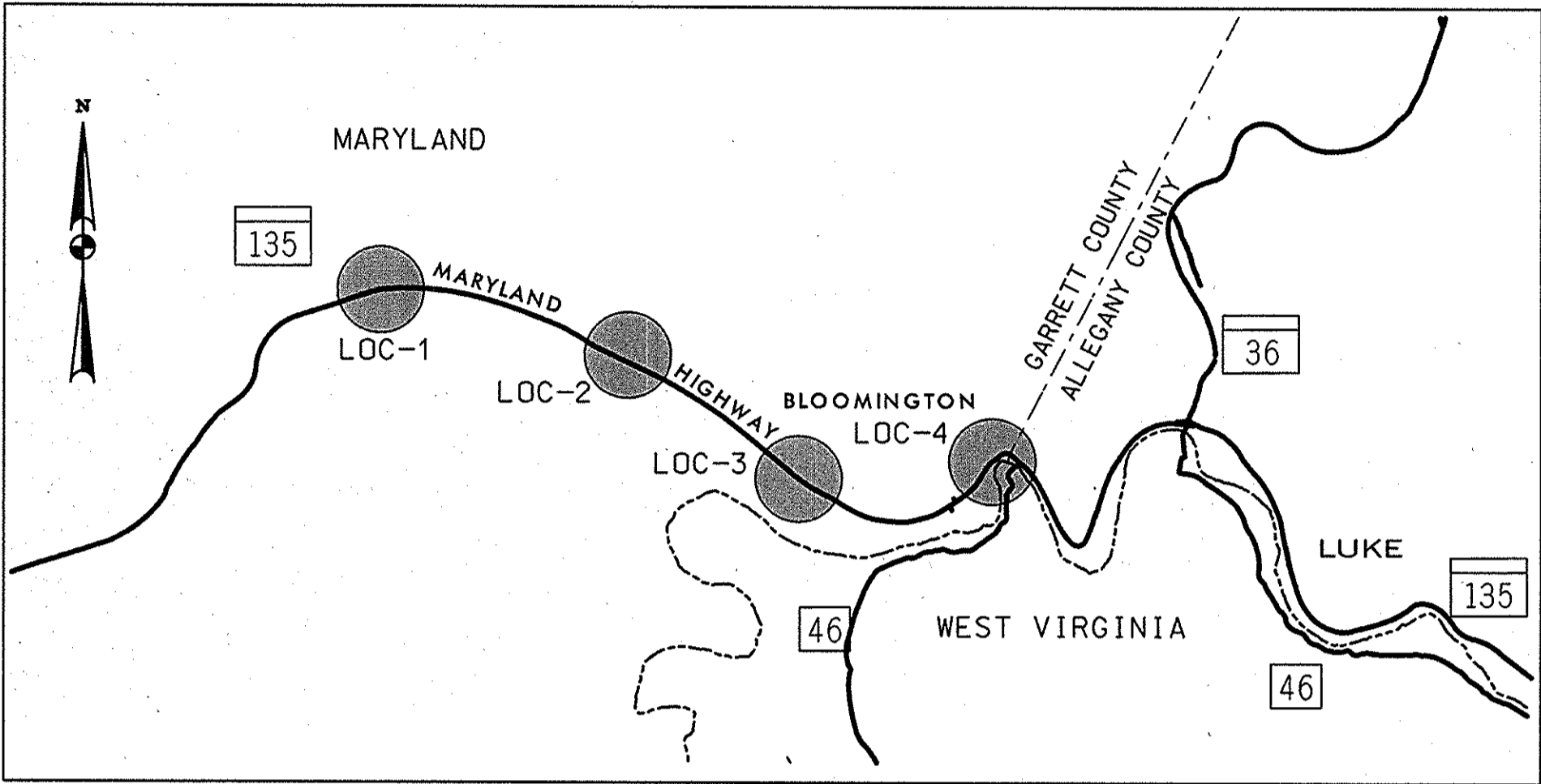


PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF HAZARD IDENTIFICATION BEACONS ON WARNING SIGNS MOUNTED ON STEEL SUPPORTS ALONG MD 135. AN EXISTING MAST ARM MOUNTED WARNING SIGN WILL BE REPLACED BY A NEW FY SIGN AND THE ASSOCIATED SIGNAL HEADS WILL BE REPLACED BY NEW LED SIGNAL HEADS. ALSO, STREET LIGHT POLES WILL BE INSTALLED ALONG TWO MANDATORY TRUCK STOPS. MD 135 IS LOCATED IN GARRETT COUNTY AND IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

PROJECT LOCATION



NOT TO SCALE

INTERSECTION OPERATION

A TWO CIRCUIT FLASHER WITH DIMMER SWITCH HOUSED IN A POLE MOUNTED FLASHER CABINET WILL BE INSTALLED AT EACH LOCATION. THE HAZARD IDENTIFICATION BEACONS WILL HAVE ALTERNATE FLASHING YELLOW INDICATIONS.

CONTROLLER REQUIREMENTS

INSTALL A POLE MOUNTED FLASHER CABINET WITH A TWO CIRCUIT FLASHER AT EACH OF THE THREE SIGN LOCATIONS.

CONTACT PERSONS FOR DISTRICT # 6 ARE AS FOLLOWS:

MR. GEORGE H. SMALL
ASSISTANT DISTRICT
ENGINEER-TRAFFIC
PHONE: (301) 729-8444

MR. ANTHONY CRAWFORD
ASSISTANT DISTRICT
ENGINEER-MAINTENANCE
PHONE: (301) 729-8457

MR. ROBERT ROWAN
UTILITY ENGINEER
PHONE: (301) 729-84579

CONTACT PERSONS FOR QOTS ARE AS FOLLOWS:

MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS
DIVISION
PHONE: (410) 787-7630

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF
TRAFFIC OPERATIONS
410-787-7630

MR. ED RODENHIZER
CHIEF, SIGNAL OPERATIONS
410-787-7650

MR. EUGENE BAILEY
CHIEF, SIGN OPERATIONS
410-787-7676

THE POWER COMPANY IS:

ALLEGHENY POWER
P.O. BOX BOX 1392
FAIRMONT, WV 26554
(304) 367-3370

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA.

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
9000	FLASHER CABINET - POLE MOUNT	EA	3
9012	2 CIRCUIT FLASHER	EA	3
9571	SHEET ALUMINUM SIGN - MAST ARM MOUNT 1 EACH W1-1GR(MOD) 36"X36" - FY	SF	9

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FUNISHED AND/OR INSTALLED BY THE CONTRACTOR.

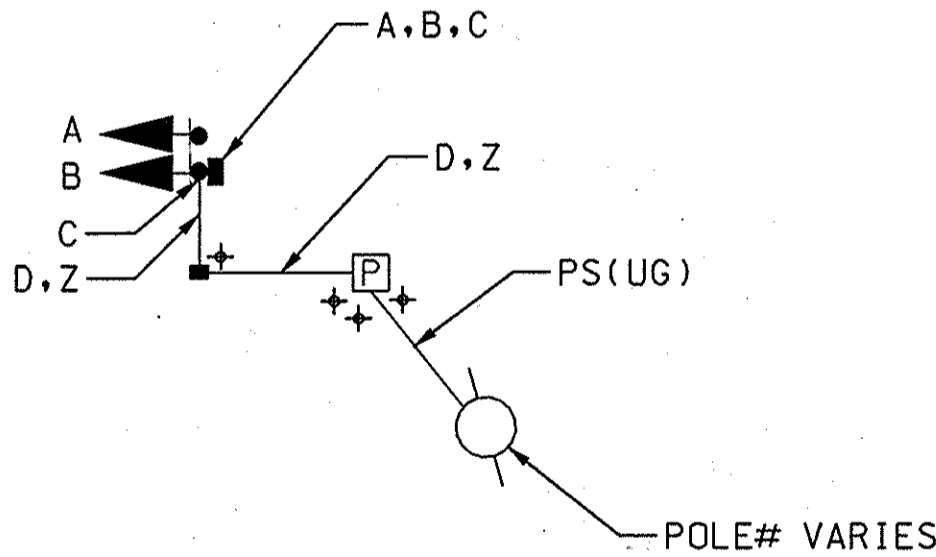
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
1001	MAINTENANCE OF TRAFFIC	EA	2
2002	TEST PIT EXCAVATION	CY	2
6003	F&I 4" CONCRETE SIDEWALK	SF	48
8001	12 INCH LED SIGNAL HEAD SECTION	EA	8
8029	F&I 1" GALVANIZED RISER	LF	75
8036	F&I SCHEDULE 80 RIGID PVC CONDUIT UP TO 4"- TRENCHED	LF	375
8037	F&I SCHEDULE 80 RIGID PVC CONDUIT UP TO 4"- BORED	LF	60
8040	INSTALL OVERHEAD SIGN	SF	9
8042	F&I NO. 6 AWG STRANDED BARE COPPER GROUND WIRE	LF	310
8044	F&I METERED SERVICE PEDESTAL EMBEDDED	EA	5
8046	F&I ELECTRICAL CABLE 1-CONDUCTOR NO. 4 AWG-THHN/THWN	LF	200
8047	F&I ELECTRICAL CABLE 1-CONDUCTOR NO. 8 AWG-THHN/THWN	LF	510
8048	F&I ELECTRICAL HANDHOLE	EA	5
8055	F&I ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 AWG)	LF	150
8056	F&I ELECTRICAL CABLE - 3 CONDUCTOR (NO. 14 AWG)	LF	60
8059	F&I ELECTRICAL CABLE - 2 CONDUCTOR (NO. 12 AWG) TC	LF	270
8064	INSTALL CONTROLLER AND CABINET - POLE MOUNT	EA	3
NEG	F&I CONNECTOR KITS - ANY TYPE	EA	14
NEG	F&I PHOTOCELL	EA	4
NEG	F&I 1 1/2" DIA. RIGID STEEL CONDUIT, SCHEDULE 40	LF	100
NEG	F&I 40' LIGHTING STRUCTURE AND FOUNDATION, 20' ARM	EA	2
NEG	F&I BREAKAWAY BASE SUPPORT SYSTEM FOR LIGHTING STRUCTURE	EA	1

EQUIPMENT LIST "C"

C. EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND RETURNED TO SHA.

NONE

TRAFFIC SIGNAL WIRING DIAGRAM (TYPICAL FOR LOCATIONS 1, 2 & 3)

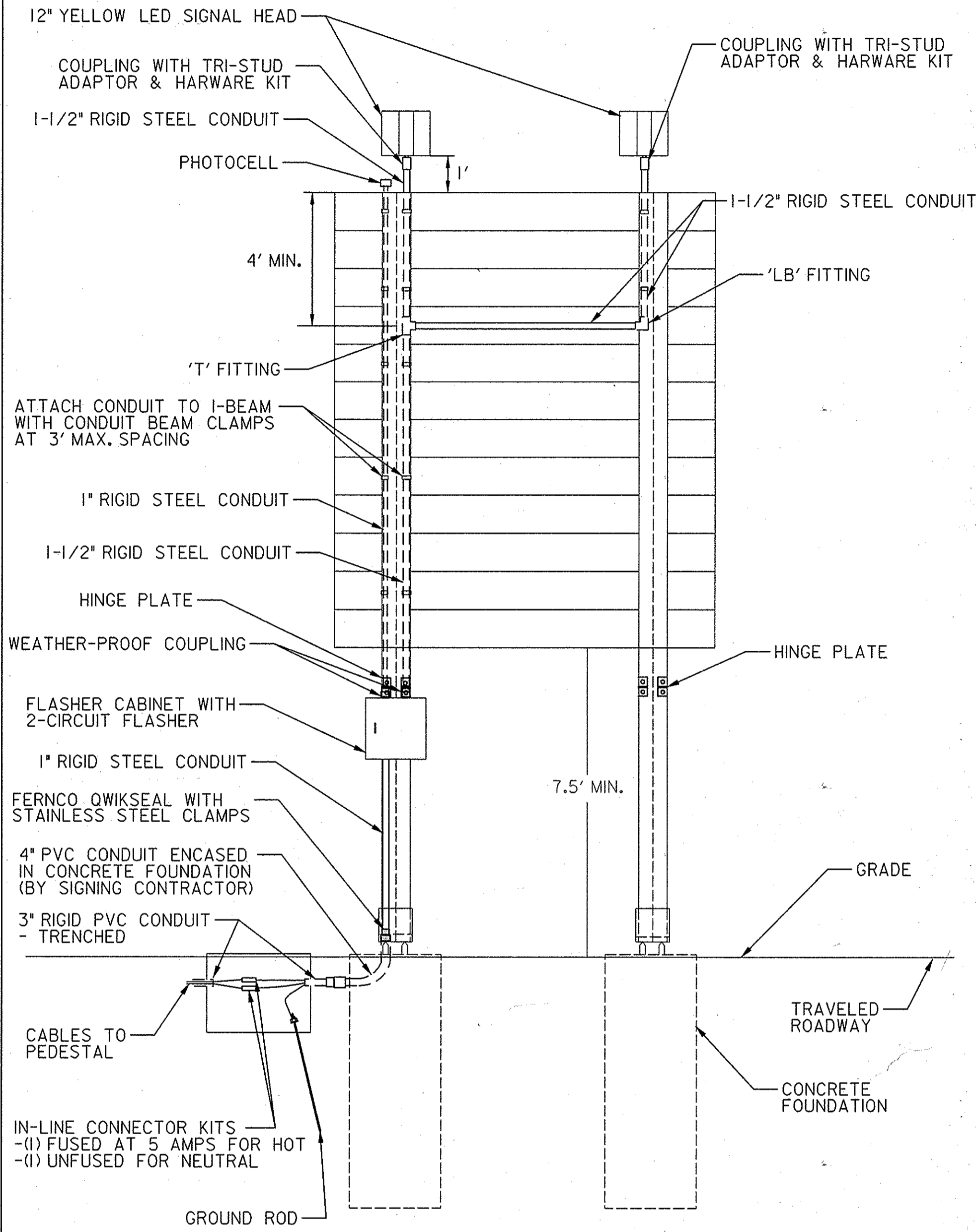


WIRING KEY

A.B	2-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
C	3-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG) - FOR PHOTOCELL
D	1-CONDUCTOR ELECTRICAL CABLE (NO. 4 AWG-THHN/THWN, 2 RUNS):
PS(UG)	PROPOSED UNDERGROUND POWER SERVICE BY ALLEGHENY POWER
Z	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
+	PROPOSED GROUND ROD

SIGNAL HEAD & CABINET INSTALLATION DETAIL

NOT TO SCALE



TOD NO: AT716-24
SHA No.: GA338A55/C55
MD 135: Kitzmiller Rd to Allegany
County Line



RUMMEL, KLEPPER
& KAHL, LLP

CONSULTING ENGINEERS

81 MOSHER STREET
BALTIMORE, MARYLAND 21217

TELE: (410) 728-2900 FAX: (410) 383-3270



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 135 TRUCK SIGNING
KITZMILLER ROAD TO ALLEGANY CO. LINE
BLOOMINGTON, MARYLAND

GENERAL INFORMATION SHEET

SCALE 1" = 20' DATE 03/12/07 CONTRACT NO. AX1425185

DESIGNED BY T. CHOWDHRY COUNTY GARRETT

DRAWN BY T. CHOWDHRY LOGMILE 11013515.00 TO 11013521.87

CHECKED BY D. EBY TMS NO. 1376

FAP NO. TOD NO.

TS NO. DRAWING GI - 01 OF 1 SHEET NO. 4 OF 4

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